



# Utah!

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September 5, 2002

Carolyn B. Wright, Intergovernmental Coordinator  
Governor's Office of Planning and Budget  
1594 West North Temple, Suite 3710  
P.O. Box 145610  
Salt Lake City, Utah 84114-5610

Re: Environmental Assessment for Herriman City  
Federal SRF Loan No. 3810-3AD8-3F022

Dear Ms. Wright:

Herriman City (City), Salt Lake County, Utah, has proposed the construction of a drinking water project. This office is preparing an environmental assessment for the project, as described below. Prior to receiving loan approval the City started construction of a section of 16-inch transmission line. This situation and how it will be handled is discussed later in the text with the description of the property location.

The City is organizing a water utility department to become a public water supplier. Presently, the culinary and secondary water needs of Herriman City and nearby areas are primarily served by Herriman Pipeline and Development Company (HPDC), Jordan Valley Water Conservancy District (JVWCD), Hi-Country Estates Phase I (Hi-Country I), and Hi-Country Estates Phase II (Hi-Country II). All of these systems are independently owned and operated. None of these entities are well suited for taking care of the projected growth and development anticipated in the Herriman area. Integration of the independently operated systems into a single centralized municipal water system will greatly improve the system efficiency and cost-effectiveness of both culinary and secondary water delivery systems within the area.

The City plans to develop three culinary wells, construct two water storage tanks, three meter stations, and a booster pump station, and install water lines to integrate and improve the water supply system. For the proposed construction see Figure 1 – Site Vicinity Map. The following text and attached maps have been provided by Sunrise Engineering, Inc. on behalf of the City.

Well No. 1 will be located in the northeast quarter of the northeast quarter of Section 2, Township 4 South, Range 2 West, Salt Lake Base and Meridian (SLBM). Well No. 2 will be located in the southeast quarter of the northeast quarter of Section 2, Township 4 South, Range 2 West, SLBM. Well No. 3 will be located in the southwest quarter of the southwest quarter of

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Section 1, Township 4 South, Range 2 West, SLBM. The well drilling fluids will be detained on-site and will be disposed of in a legal manner to an off-site location when the wells are completed.

Meter Station No. 1 will be situated in the northwest quarter of the northeast quarter of Section 25, Township 3 South, Range 2 West, SLBM. Meter Station No. 2 will be located in the southwest quarter of the northwest quarter of Section 36, Township 3 South, Range 2 West, SLBM. Meter Station No. 3 will be located at the southeast corner of Section 35, Township 3 South, Range 2 West, SLBM.

The booster pump station will be located at the Tank No. 2 site. This pump station is to lift water from Tank No. 2 to Tank No. 1.

Tank No. 1 with a storage capacity of three million gallons will be located in the southwest quarter of the southwest quarter of Section 12, Township 4 South, Range 2 West, SLBM. Tank No. 2 with a storage capacity of one million gallons will be located in the southeast quarter of the northeast quarter of Section 11, Township 4 South, Range 2 West, SLBM. The water storage tanks will be partially buried concrete and blended with the pre-existing topography.

A 12-inch diameter pipeline approximately 4,300-foot long will be installed along the north side of 13400 South Street, starting at the intersection of 5600 West Street and 13400 South Street and running eastward for approximately 4,300 feet. A green line on the Site Vicinity Map represents this pipeline. This line can also be described as running along the southern boundary of Section 36, Township 3 South, Range 2 West, SLBM.

The light blue lines on the attached map represent 10 to 14-inch diameter transmission lines that will be installed to connect the proposed wells and water storage tanks. These lines have a combined length of approximately 8,600 feet. The major part of these lines will run along the east side of 5600 West Street. They will run primarily along the section lines between Sections 1 and 2 and between Sections 11 and 12, Township 4 South, Range 2 West, SLBM.

The dark blue line on the attached map denotes a 16-inch diameter water transmission line. This line is approximately 15,000 feet long. The purpose of this line is to transmit water from the proposed water storage tank No. 1 to the western service area. This line runs approximately 7,000 feet from Tank No. 1 along a road in the western part of Section 12 and the northeast quarter of Section 11, Township 4 South, Range 2 West, SLBM. Then, the line continues westward along 14200 South Street for roughly 3,000 feet to the southwest corner of Section 2, Township 4 South, Range 2 West, SLBM. \*<sup>1</sup> From the above mentioned section corner, the line proceeds northward along the west section line of Section 2 (6400 West Street) for about 2,200

feet to 13900 South Street. \*<sup>2</sup> From this point a 10-inch line will run west-southwestward for roughly 2,800 feet along Rose Canyon Road in the southeast quarter of Section 3, Township 4 South, Range 2 West, SLBM. \*<sup>3</sup>

NOTES:

\*1. Prior to receiving loan approval the City started construction of the westerly 1,600 linear feet of this transmission line. On August 23, 2002 I made a preliminary survey of the areas where propose improvements would be constructed. I do not think the proposed project sites have any historic/cultural properties or that the construction work will have any significant negative impacts on the environment. Because of this and because of the high expense to break its contract, the City will be allowed to continue construction work with its own funds during the environmental review process. However, if any significant negative environmental impact(s) is sustained by the construction work, the City will be required to mitigate that impact(s).

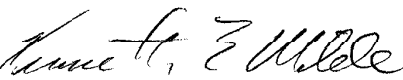
\*2. This section of the 16-inch waterline is part of the same contract. The City will be permitted to continue working on this contract as previously discussed.

\*3. The City may also be permitted to construct this section of line within the right-of-way of Rose Canyon Road, an existing paved road. However, the City will be required to include all three sections of waterline in the environmental review.

More than one-half of the pipelines will be buried within existing road right-of-ways. Approximately 1,000 feet of pipelines will be installed within Herriman City parks.

Please submit your comments concerning the proposed drinking water project in writing within 30 days following receipt of this letter. If you have any questions, please contact me at (801) 536-0048.

Sincerely,



Kenneth E. Wilde, PE  
Environmental Engineer

Enclosure

Cc: Mayor J. Lynn Crane, City of Herriman, 97 Pioneer Street, Herriman, UT 84065  
Dao Yang, Sunrise Engineering, 12227 S Business Park Dr, Suite 200, Draper, UT 84020  
Cross cutters